TABLE G.—ANALYSES OE PRODUCER GASES IN PRACTICE.

Composition, Volumes per cent.								Combustible Value, 1 cubic metre Gas. • *	Amounts of Gas obtained from 1 kilogramme C.								
									Cubic metre Gas given off by 1 kilogramme C.						Total Gas Iron 1 kilo- gramme C. cbm.	Combustible Value Gas from 1 Kg. C Calories.	
No.	CO2.	CO.	CrnHn	CH4.	H.	Q	N.		C02.	CO.	CmHn. CH4.		H.	0.	N.		No.
1 Theoretical Producer Gas	1-0	32-5	0-4	2-8	8-2		55-1	1,507	0-05	1-63	0-02	0-14	0-41		2-76	501	7,554	1
2	2-4	29-4	__	3-6	12-8	0-2	51'6	1,545	0-13	1-54	_	0-19	0-67	o-oi	2-71	5'25	8,113	2
3	5-2	27-3	—	3-4	16-6	—	47-5	3,538	0-27	1-41	—	0-17	0-86	— _	2-46	5-17	8,151	3
4	6-9	25'4	—	3'4	18-3	—	45-9	1,548	0'36	1-32	—	0-18	0-95	—	2-40	5-21	8,049	4
5	3-3	31-5	—	1-7	14-5	0-2	48 «8	1,490	0-17	1-61	—	0-08	0-74	o-oi	2-49	510	7,600	5
6	9-1	21-7	—	3-4	19 *7	• __	46-1	1,470	0-50	1-18	—	0-18	1-07	—	2-50	5'43	7,982	6
7	11-6	18-4	—	3-4	21-8	—	44-8	1,420	0-65	1-03	— .	0-18	1-21	—	2-49	5*57	7,909	7
8	13-2	16-1	—	3-5	22-7	—	44-5	1,380	0-75	0-91	—	0-20	1-28	— .	2* 52	5'67	7,811	8
9	5-0	25-0	—	2-8	15-0	—	51-2	1,374	0'28	1-41	—	0-16	0-85	—	2-90	5-66	7,777	9
10	2-5	28-0	- — •	1-3	12-5	0-4	55-3	1,323	0'15	1-65	—	0-07	0* 73	0-02	3-23	5-84	7,726	10
11	6-3	22-7	0'3	2-6	13-4	0-2	54-5	1,313	0-36	1-31	0-02	0-15	0-77	o-oi	H-15	5'77	7,590	11
12	1-0	31-3	—	2-4	6-3	—	59-3	1,313	0-05	1-68	—	0-13	0-34	—	3-18	5'38	7,037	12
13	3-7	26'2	—	2-0	11-5	0-3	56-3	1,275	0-22	1-52	—	0-12	0-67	002	3-28	5-83	7,433	13
14	4-5	27'0	—	I'O	12-0	—	55-0	1,241	0-26	1-54	—	0-06	0-69	—	3-15	5-;o	7,098	14
15	6-4	25-	—	0-3	13	__	54	1,161	0-	1*	__	0-	0-	__	3-	5-74	6,666	15

		7			*3		*3		37	47		02	76		12			
16	6'0	20-0	—	2'8	10-3	Tr.	60'9	1,122	0-39	1-29	—	0-18	0-66	—	3-92	6-45	7,237	16
17	2-0	29-4	—	1-0	4-7	—	62-9	1,092	0*11	1-69	_	0-06	0-27	—	3-61	5-74	6,t>69	17
18	7'0	18'0	—	1-2	lo-O	0-3	58-5	1,042	0'50	1-28	—	O'OS	1-06	0-02	4'15	7*09	7,398	18
19	7-0	19-5	—	1-2	13-0	0-2	59-3	1,040	0-47	1-31	—	0-08	0-87	o-oi	3-97	6-71	6,968	19
20	lo'O	9'0	~	1-0	21-0	~	59-0	893	1-11	0-67	— •	0-08	1-56		4-01	7-13	6,635	20

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